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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Girolid, Christophe et al.
SERIAL NO.: 10/510,519 Confirmation No.: 8870
FILING DATE: October 6, 2004
TITLE: Vitrification Furnace and Method With Dual Heating Means
EXAMINER: unassigned
ART UNIT: unassigned

Certificate of Mailing

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: MAIL STOP: Office of Initial Patent Examination, P.O. Box 1450 Alexandria, VA 22313-1450, on the date printed below:

Date: 12/14/05

Signature:

Annett Valdivia

MAIL STOP: Office of Initial Patent Examination
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CORRECTION TO FILING RECEIPT

We received the attached filing receipt for the above-identified case which has two errors. 1) It incorrectly identifies only Robert Krebs, 25,885 under the Power of Attorney for the above referenced patent application. A Declaration/Power of Attorney (copy attached) and Patent Practitioners to be made of Record (copy attached) was originally submitted on October 6, 2004. Please amend the appropriate records to reflect the correct listing of attorneys as indicated on the Patent Practitioners to be made of Record. 2) The assignment information is spelled incorrectly. The correct spelling is Commissariat A L'Energie Atomique and not Commissariat A L'Energir Atomique. Applicant requests an updated filing receipt reflecting the amendments requested.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1698.

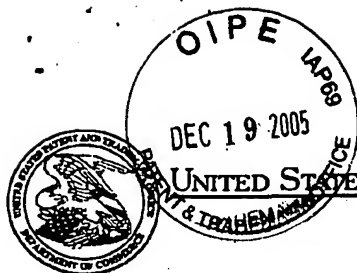
Respectfully submitted,

THELEN REID & PRIEST LLP

Robert E. Krebs, reg. no. 25,885

Dated: 14 Dec. 2005

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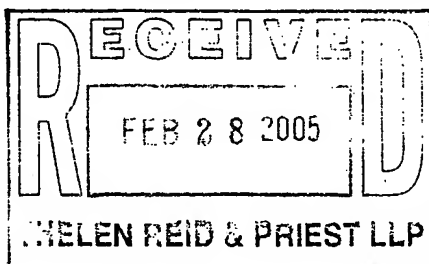


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/510,519	10/06/2004	1731	950	034299-000605	1	10	1

Robert E Krebs
 Thelen Reid & Priest
 Post Office Box 640640
 San Jose, CA 95164-0640



CONFIRMATION NO. 8870

FILING RECEIPT



OC000000015142417

Date Mailed: 02/16/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Christophe Girolid, Piolenc, FRANCE;
 Lionel Bruguere, Saint-Aunes, FRANCE;
 Roger Boen, Saint - Alexandre, FRANCE;
 Armand Bonnetier, Orange, FRANCE;
 Louis Bojat, Cavillargues, FRANCE;

Assignment For Published Patent Application

Commissariat A L'Energie Atomique, Paris, FRANCE
 Compagnie Generale Des Matieres Nucleaires, Velizy Villacoublay, FRANCE

Power of Attorney:

List all attorneys as indicated
~~Robert Krebs-25885~~ on "PATENT Practitioners to be
 Made of RECORD"

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/FR03/01087 04/07/2003

Foreign Applications

FRANCE 02 04328 04/08/2002

Projected Publication Date: 05/19/2005

Non-Publication Request: No

Reviewed By: CS Date: 4/23/05
 No Action Required: —
 Action Required: ✓

Mail log _____ Date _____

CPI _____ Date _____

Excel _____ Date _____

Early Publication Request: No

Title

Vitrification furnace and method with dual heating means

Preliminary Class

065

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Girolid, Christophe et al
SERIAL NO.: unassigned
FILING DATE: herewith
TITLE: Vitrification Furnace and Method With Dual Heating Means
EXAMINER: unassigned
ART UNIT: unassigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT PRACTITIONERS TO BE MADE OF RECORD

Please recognize the following ten patent practitioners in the attached Declaration and Power of Attorney as being of record in the application or patent to which the power of attorney is directed:

Robert E. Krebs, Reg. No. 25,885
Marc S. Hanish, Reg. No. 42,626
John P. Schaub, Reg. No. 42,125
Steven J. Robbins, Reg. No. 40,299
Thierry K. Lo, Reg. No. 49,097

David B. Ritchie, Reg. No. 31,562
Masako Ando, (37 C.F.R. §10.9 (b))
Adrienne Yeung, Reg. No. 44,000
Hal Bohner, Reg. No. 27,856
Khaled Shami, Reg. No. 38,745

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1698.

Respectfully submitted,
THELEN REID & PRIEST LLP

Dated: Oct 5, 2004

Robert E. Krebs
Reg. No. 25,885

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San Jose, CA 95164-0640
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B 14039.3 JCI

Declaration, Power Of Attorney and Petition

Page 1 of 3

WE (I) the undersigned inventor(s), hereby declare(s) that :

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first, and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

FURNACE AND PROCESS FOR VITRIFICATION USING TWO HEATING MEANS

the specification of which

- ☐ is attached hereto.
- ☐ was filed on
as Application Serial No.
and amended on
- ☒ was filed as PCT international application
Number PCT/FR03/01087
on April 7, 2003
and was amended under PCT Article 19
on June 15, 2004

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations.

We (I) hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) or § 365 (b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application (s)

Application No.	Country	Day/month/Year	Priority Claimed	
02 04328	FRANCE	08 April 2002	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES	<input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES	<input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES	<input type="checkbox"/> NO

We (I) hereby claim the benefit under Title 35, United States Code, § 119 (e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of prior application and the national or PCT International filing date of this application.

Application Serial No.

Filing Date

Status (pending, patented,
abandoned)

And we (I) hereby appoint : Robert E. Krebs, Registration No. 25,885; David B. Ritchie, Registration No. 31,562; Marc S. Hanish, Registration No. 42,626; John P. Schaub, Registration No. 42,125; Gerhard W. Thielman, Registration No. 43,186; Adrienne Yeung, Registration No. 44,000; Steven J. Robbins, Registration No. 40,299; Thierry K. Lo, Registration No. 49,097; William Samuel Niece, Registration No.: P47,824; and John Klaas Uilkema, Registration No. 20,282 ; our (my) attorneys of record with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to the firm of THELEN REID & PRIEST LLP whose Post Office Address is : P.O. Box 640640, San Jose, CA 95164-0640.

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true ; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardise the validity of the application or any patent issuing thereon.

GIROLD Christophe

NAME OF FIRST SOLE INVENTOR

Signature of Inventor

September 1st, 2004

Date

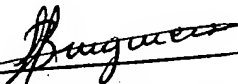
Residence : 27 route des HORS
84420 PIGLONC
FRANCE

Citizen of : FRANCE

Post Office Address : The same as residence

BRUGUIERE Lionel

NAME OF SECOND INVENTOR



Signature of Inventor

September 1st, 2004

Date

BOEN Roger



NAME OF THIRD INVENTOR

Signature of Inventor

September 1st, 2004

Date

BONNETIER Armand

NAME OF FOURTH INVENTOR



Signature of Inventor

September 1st, 2004

Date

BOJAT Louis

NAME OF FIFTH INVENTOR



Signature of Inventor

September 1st, 2004

Date

Residence : Loc Mas Le Petit Tauran34130 SAINT-AUNESFRANCECitizen of : FRANCE

Post Office Address : The same as residence

Residence : Quartier Les Carzelles30130 Saint-AllexandreFRANCECitizen of : FRANCE

Post Office Address : The same as residence

Residence : 16 Ancienne RouteRoyale 84100 ORANGEFRANCECitizen of : FRANCE

Post Office Address : The same as residence

Residence : Les Cotaux de Puech Vignan
Chemin d'auzignus 30330 CavillarguesFRANCECitizen of : FRANCE

Post Office Address : The same as residence

RECORDATION FORM COVER SHEET

Docket No.: 034299-000605

PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

- a) GIROLD, Christophe e) BOJAT, Louis
b) BRUGUIERE, Lionel
c) BOEN, Roger
d) BONNETIER, Armand

Execution Date(s) (a-e): Sept. 1, 2004

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: 1) Commissariat A L'Energie Atomique

Address: 31/33, rue de la Federation

City/Country 75752 Paris 15 eme; FRANCE

Name: 2) Compagnie Generale Des Matieres Nucleaires

Address: 2, rue Paul Dautier,

City/Country: 78140 Velizy Villacoublay; FRANCE

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Robert E. Krebs

Internal Address: Thelen Reid & Priest LLP

Street Address: P.O. Box 640640

City: San Jose

State: CA Zip: 95164-0640

Phone Number : 408.292.5800

Fax Number: 408.287.8040

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature :



Signature

Date

Robert E. Krebs, reg. no. 25,85

Total number of pages including cover sheet, attachments, and documents

3

Name of Person Signing

B 14039.3 JCI

Assignment Of Application

Page 1 of 2

WHEREAS, I (WE)

GIROLD Christophe – 27 route des Hors – 84420 PIOLENC - FRANCE

BRUGUIERE Lionel – Lou Mas le Petit Tauran – 34130 SAINT-AUNES - FRANCE

BOEN Roger – Quartier « les Gazelles » - 30130 SAINT ALEXANDRE - FRANCE

BONNETIER Armand – 16 ancienne route royale – 84100 ORANGE – FRANCE

BOJAT Louis – « Les Coteaux de Puech Vigan » - Chemin d'Auzigue – 30330 CAVILLARGUES - FRANCE

respectively, have invented certain new and useful improvements in :

FURNACE AND PROCESS FOR VITRIFICATION USING TWO HEATING MEANS

for which an application for Letters Patent was executed on September 1st, 2004
(Application No. , filed), and

WHEREAS, COMMISSARIAT A L'ENERGIE ATOMIQUE and/et COMPAGNIE GENERALE DES MATIERES NUCLEAIRES

(hereinafter referred to as "assignee") having a place of business at :

31/33, rue de la Fédération, 75752 PARIS 15^{ème}, FRANCE

2, rue Paul Dautier, 78140 VELIZY VILLACOUBLAY, FRANCE

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries ;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledge, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted thereof in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorise and request the Patent Office Officials in the United States and its territorial possessions and any all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right , title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issue to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of THELEN REID & PRIEST LLP, P.O. Box 640640, San Jose, CA 95164-0640 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States patent and trademark office for recordation of this document.

Date : September 1st, 2004

GIROLD Christophe

(Signature of Inventor)

Date : September 1st, 2004

BRUGUIERE Lionel

(Signature of Inventor)

Date : September 1st, 2004

BOEN Roger

(Signature of Inventor)

Date : September 1st, 2004

BONNETIER Armand

(Signature of Inventor)

Date : September 1st, 2004

BOJAT Louis

(Signature of Inventor)

Date : _____

(Signature of Inventor)

Date : _____

(Signature of Inventor)

Date : _____

(Signature of Inventor)

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